

01-04

<b>FORM HDP-1449 (Based on Form PTO-1449)</b>  <b>PATENT AND TRADEMARK OFFICE</b> <b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)  Sheet 1 of 1	ATTORNEY DOCKET NO.	SERIAL NO.
	03-0054	Not Yet Assigned
	APPLICANT	
	Edward H. Park	
	FILING DATE	GROUP
	Herewith	Not Yet Assigned

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.	NN	5,407,984	04/18/1995	Brunelle, et al.		
2.		5,668,186	09/16/1997	Brunelle et al.		
3.		6,369,157 B1	04/09/2002	Winckler et al.		
4.		6,420,047 B2	07/16/2002	Winckler et al.		
5.		6,420,048 B1	07/16/2002	Wang		
6.		6,436,548 B1	08/20/2002	Phelps		
7.		6,436,549 B1	08/20/2002	Wang		
8.	NN	6,525,164 B2	02/25/2003	Faler		

FOREIGN PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes No
1.						

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
1.		

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05-05

<b>FORM HDP-1449 (Based on Form PTO-1449)</b>  <b>PATENT AND TRADEMARK OFFICE</b> <b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)  Sheet 1 of 2	ATTORNEY DOCKET NO.	SERIAL No.
	03-0054 (8470-000027)	10/765,493
	APPLICANT	
	Edward H. Park	
	FILING DATE	GROUP
	January 26, 2004	Not Yet Assigned

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.	NN	3,037,954	06/05/1962	Gessler et al.		
2.		4,035,565	07/12/1977	Apotheker, et al.		
3.		4,287,320	09/01/1981	Kolb		
4.		4,450,263	05/22/1984	West		
5.		4,696,989	09/29/1987	Oka, et al.		
6.		4,787,991	11/29/1988	Morozumi, et al.		
7.		5,206,293	04/27/1993	Sakai et al.		
8.		5,354,811	10/11/1994	Kamiya, et al.		
9.		5,384,374	01/24/1995	Guerra, et al.		
10.		6,066,697	05/23/2000	Coran, et al.		
11.		6,310,141 B1	10/30/2001	Chen, et al.		
12.		6,407,174 B1	06/18/2002	Ouhadi		
13.		6,429,249 B1	08/06/2002	Chen, et al.		
14.		6,437,030 B1	08/20/2002	Coran, et al.		
15.	NN	6,624,251	09/23/2003	Chmielewski		

FOREIGN PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes No
1.	NN	0 168 020 B1	10/18/1989	EPO		

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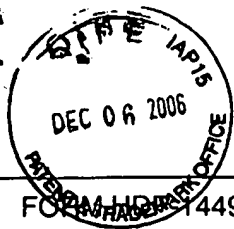
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	03-0054 (8470-000027)	10/765,493
	APPLICANT	
	Edward H. Park	
	FILING DATE	GROUP
	January 26, 2004	Not Yet Assigned

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
1.	NN	Schmiegell, Walter W., "A Review of Recent Progress in the Design and Reactions of Base-Resistant Fluoroelastomers.", IRC, July 2003.
2.	NN	"AFLAS™ The Fluoroelastomer", Asahi Glass Company, Product Information, pgs 1-8, April 11, 2003.
3.	NN	"Fluorine-Containing Polymers", Encyclopedia of Polymer Science & Engineering, Vol. 7, 1987, Second Edition, pgs. 256-267.
4.	NN	"Viton® Fluoroelastomer, A Product of DuPont Dow Elastomers", Technical Information, DuPont Dow Elastomers, Copyright 1988.
5.		Web page, "Tetrafluoroethylene-Propylene Rubber, pgs 1-2, unknown date. NO DATE
6.	NN	"Viton® Extreme™ ETP-600S (formerly designated VTR-8710)", Technical Information (made with Advanced Polymer Architecture), DuPont Dow Elastomers, June 2004, pgs 1-6.

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12-06

<b>PATENT AND TRADEMARK OFFICE</b> <b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)  Sheet 1 of 5	FORM PTO-1449 (Based on Form PTO-1449)	
	ATTORNEY DOCKET No.	SERIAL No.
	03-0054 (8470-000027)	10/765,493
	APPLICANT	
	PARK, Edward H.	
FILING DATE	GROUP	
January 26, 2004	1754	

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.	NN	2002/0091205	7/11/2002	Brewer et al.		
2.		2002/0099142	7/25/2002	Faulkner		
3.		2002/0113066	8/22/2002	Stark et al.		
4.		2002/0198320	12/26/2002	Chmielewski et al.		
5.		2003/0026995	2/6/2003	Duchesne et al.		
6.		2003/0138655	7/24/2003	Watanabe et al.		
7.		2004/0183702	9/23/2004	Nachtigal et al.		
8.		2004/0260023	12/23/2004	Park et al.		
9.		2005/0155690	7/21/2005	Park		
10.		2005/0167928	8/4/2005	Park et al.		
11.		2005/0171282	8/4/2005	Park		
12.		2005/0222337	10/6/2005	Park		
13.		2005/0272872	12/8/2005	Park		
14.		2005/0275565	12/15/2005	Nachtigal et al.		
15.		2005/0281973	12/22/2005	Park		
16.		2005/0288434	12/29/2005	Sugiura et al.		3/27/2003
17.		2006/0004126	1/5/2006	Park et al.		
18.		2006/0142467	6/29/2006	Park		
19.		2006/0142491	6/29/2006	Park		
20.		2006/0142492	6/29/2006	Park		
21.	NN	2006/0148954	7/6/2006	Park et al.		

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ATTORNEY DOCKET NO.	SERIAL NO.
03-0054 (8470-000027)	10/765,493
APPLICANT	
PARK, Edward H.	
FILING DATE	GROUP
January 26, 2004	1754

**U.S. PATENT DOCUMENTS**

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
22.	NN	3,538,028	11/3/1970	Morgan		
23.		3,787,341	1/22/1974	Aron		
24.		4,311,628	1/19/1982	Abdou-Sabet et al.		
25.		4,328,140	5/4/1982	Singletary et al.		
26.		4,419,499	12/6/1983	Coran et al.		
27.		4,530,881	7/23/1985	Santoso et al		
28.		4,572,516	2/25/1986	Symons et al.		
29.		4,624,978	11/25/1986	Frayar		
30.		4,656,228	4/7/1987	Richter et al.		
31.		4,696,976	9/29/1987	Ellerbe III et al.		
32.		5,006,594	4/9/1991	Rees		
33.		5,095,072	3/10/1992	Kobayashi et al.		
34.		5,219,931	6/15/1993	Siol et al.		
35.		5,331,040	7/19/1994	Lee		
36.		5,371,143	12/6/1994	Novak et al.		
37.		5,397,832	3/14/1995	Ellul		
38.		5,459,202	10/17/1995	Martinez et al.		
39.		5,548,028	8/20/1996	Tabb		
40.		5,585,152	12/17/1996	Tamura et al.		
41.	NN	5,700,866	12/23/1997	Tabb		

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**U.S. PATENT DOCUMENTS**

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
42.	NN	5,723,544	3/3/1998	Lee		
43.		5,962,589	10/5/1999	Matsumoto et al.		
44.		6,147,158	11/14/2000	Chmielewski		
45.		6,162,385	12/19/2000	Grosse-Puppenthal et al.		
46.		6,312,639	11/6/2001	Ertle et al.		
47.		6,410,630	6/25/2002	Hoover et al.		
48.		6,500,374	12/31/2002	Akioka et al.		
49.		6,656,831	12/2/2003	Lee et al.		
50.		6,663,966	12/16/2003	Mhetar		
51.		6,774,171	8/10/2004	Kassa et al.		1/9/2003
52.		6,872,325	3/29/2005	Bandyopadhyay et al.		9/9/2002
53.		7,022,769	4/4/2006	Park		7/15/2003
54.	NN	7,098,270	8/29/2006	Hochgesang et al.		9/9/2002

**FOREIGN PATENT DOCUMENTS**

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
1.	NN	JP 2001-336679	12/7/2001	Japan		Abstract	
2.	NN	JP 62-236841	10/16/1987	Japan		Abstract	
3.	NN	JP 05-186606	7/27/1993	Japan		Abstract	
4.	NN	JP 2000-079928	3/21/2000	Japan		Abstract	

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**INFORMATION DISCLOSURE CITATION**  
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PARK, Edward H.

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1754

**FOREIGN PATENT DOCUMENTS**

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation	
						Yes	No
5.	NN	JP 58-032655	2/25/1983	Japan		Abstract	
6.	NN	JP 62-011767	1/20/1987	Japan		Abstract	
7.	NN	WO 00/11073	3/2/2000	WIPO		N/A	
8.	NN	WO 01/98405	12/27/2001	WIPO		N/A	
9.	NN	WO 01/48077	7/5/2001	WIPO		N/A	
10.	NN	EP 0148719	7/17/1985	EPO		N/A	
11.	NN	EP 0239707	10/7/1987	EPO		Abstract	
12.	NN	EP 0254307	12/27/1991	EPO		N/A	
13.	NN	EP 0304843	3/3/1993	EPO		N/A	
14.	NN	EP 0432911	6/19/1991	EPO		N/A	
15.	NN	EP 0681113	11/8/1995	EPO		N/A	
16.	NN	EP 0714944	6/5/1996	EPO		Abstract	
17.	NN	EP 1209203	5/29/2002	EPO		N/A	

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)**

Ref. Desig.	Examiner's Initials	
1.		<del>"Polyurethanes" Encyclopedia of Polymer Science &amp; Engineering, Vol. 10, Second Edition (Date Unknown). (Pages 274-278). NO DATE</del>
2.		<del>Webpage: "Dyneon™ Fluorothermoplastics" Accessed from 3M Manufacturing and Industrial and Downloaded May 8, 2003. (2 pages). NO DATE</del>

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Date Considered:

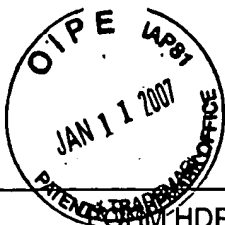
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	APPLICANT	
	PARK, Edward H.	
	FILING DATE	GROUP
	January 26, 2004	1754

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
3.	NN	Moore, Michael J. "Silanes as Rubber-to-Metal Bonding Agents," 160th Meeting of the Rubber Division, American Chemical Society, Cleveland, Ohio, Paper No. 105, (2001). (17 pages).
4.	NN	Material Safety Data Sheet "DuPont™ TPV 60A01 and 80A01", C.S. Wong, (September 18, 2001). (9 pages).
5.		<del>DuPont "Grades for Customer Evaluation" TPV 60A and TPV 80A" (2 pages).</del> NO DATE
6.	NN	Solvay Solexis: "Product Data Sheet: Tecnoflon FPA 1" available at <a href="http://www.solvaysolexis.com">www.solvaysolexis.com</a> . Copyright 2003. (2 pages).
7.		<del>Sasol: Sasol Olefins and Surfactants available at <a href="http://www.sasoltechdata.com">www.sasoltechdata.com</a>. (20 pages).</del> NO DATE

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01-07

<b>PATENT AND TRADEMARK OFFICE</b> <b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)  Sheet 1 of 1	ATTORNEY DOCKET No.	SERIAL No.
	03-0054 (8470-000027)	10/765,493
	APPLICANT	
	PARK, Edward H.	
	FILING DATE	GROUP
	January 26, 2004	1711

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.	NN	2002/0122928	9/5/2002	Botrie et al.		
2.		2006/0290070	12/28/2006	Park		
3.		2007/0004865	1/4/2007	Park		
4.		4,451,542	5/29/1984	Ishida et al.		
5.		6,054,537	4/25/2000	Shimizu et al.		
6.		6,114,441	9/5/2000	Spohn et al.		
7.	NN	7,087,679	8/8/2006	Shimizu et al.		

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